Claims

1. A web material having
   - a longitudinal dimension and a transverse dimension substantially smaller than said longitudinal dimension
   - at least one longitudinal expansion means characterized in that the Relative Expansion Tension Reduction is at least 50% when said web material is submitted to the Discontinuous Expansion Test.

2. A web material according to Claim 1, characterized in that the Relative Expansion Tension Reduction is at least 75% when said web material is submitted to the Discontinuous Expansion Test.

3. A web material according to Claim 1, characterized in that the Relative Expansion Tension Reduction is at least 90% when said web material is submitted to the Discontinuous Expansion Test.

4. A web material according to Claim 1, characterized in that the expansion tension at the Discontinuous Expansion Threshold is larger than 1 Newton per 0.0254 meter and the expansion tension at the Discontinuous Expansion Point is smaller than 0.5 Newton per 0.0254 meter when said web material is submitted to the Discontinuous Expansion Test.

5. A web material according to Claim 1, characterized in that the expansion tension at the Discontinuous Expansion Threshold is larger than 1 Newton per 0.0254 meter and the expansion tension at the Discontinuous Expansion Point is smaller than 0.5 Newton per 0.0254 meter when said web material is submitted to the Discontinuous Expansion Test.

6. A web material according to Claim 1, characterized in that the expansion tension at the Discontinuous Expansion Threshold is larger than 1 Newton per 0.0254 meter and the expansion tension at the Discontinuous Expansion

Point is smaller than 0.1 Newton per 0.0254 meter when said web material is submitted to the Discontinuous Expansion Test.

7. A web material according to Claim 1, characterized in that the relative elongation at the Tearing Point of said web material is at least 50% when said web material is submitted to the Discontinuous Expansion Test.

8. A web material according to Claim 7, characterized in that the relative elongation at the Tearing Point of said web material is at least 75% when said web material is submitted to the Discontinuous Expansion Test.

9. A web material according to Claim 1, comprising a first region and a second region characterized in that said first region has a different basis weight than said second region.

10. A web material according to Claim 9, characterized in that said web material has a Relative Basis Weight Deviation of less than 10% when submitted to the Basis Weight Deviation test.

11. A web material according to Claim 9, characterized in that said web material has a Relative Basis Weight Deviation of less than 5% when submitted to the Basis Weight Deviation test.

12. A web material according to Claim 1, characterized in that said web material a contraction tension of less than 0.5 Newton per 0.0254 meter when said web material is submitted to the Contraction Force At Discontinuous Expansion Test.

13. A web material according to Claim 1, comprising at least one region characterized in that said region exhibits an monotonously increasing tensile

force with increasing elongation when said region is submitted to the Expansion Tension Test.

14. An web material according to claim 1, comprising at least one longitudinal expansion means characterized in that said web material further comprises at least one tearable expansion obstruction means.

B' Cancelled

15. A process for making a web material comprising the steps of
    - forming a web
    - stabilizing said web
    - incorporating longitudinal expansion means and tearable expansion obstruction means into said web.